SEQUENCE LISTING

<110> Hope, Ralph Graham McLauchlan, John	
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ttg ccg cgc agg ggc cct aga ttg ggt gtg cgc gcg acg agg aag act 198 Leu Pro Arg Arg Gly Pro Arg Leu Gly Val Arg Ala Thr Arg Lys Thr 40 45 50	8
tcc gag cgg tcg caa cct cga ggt aga cgt cag cct atc ccc aag gca 240 Ser Glu Arg Ser Gln Pro Arg Gly Arg Arg Gln Pro Ile Pro Lys Ala 55 60 65	6
cgt cgg ccc aag ggc agg aac tgg gct cag ccc ggg tat cct tgg ccc 29. Arg Arg Pro Lys Gly Arg Asn Trp Ala Gln Pro Gly Tyr Pro Trp Pro 70 75 80	4

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agt Ser	ggc Gly	tct Ser	cgg Arg	cct Pro 105	agt Ser	tgg Trp	ggc Gly	ccc Pro	aac Asn 110	gac Asp	ccc Pro	cga Arg	cgt Arg	agg Arg 115	tcg Ser	390
cgc Arg	aat Asn	ttg Leu	ggt Gly 120	aag Lys	gtc Val	atc Ile	gat Asp	acc Thr 125	ctt Leu	acg Thr	tgc Cys	ggc Gly	ttc Phe 130	gtc Val	gat Asp	438
ctc Leu	atg Met	999 Gly 135	tac Tyr	ata Ile	ccg Pro	ctc Leu	gtc Val 140	ggc Gly	gcc Ala	cct Pro	ctt Leu	aga Arg 145	ggc Gly	gct Ala	gcc Ala	486
agg Arg	gcc Ala 150	ctg Leu	gcg Ala	cat His	ggc	gtc Val 155	cgg Arg	gtt Val	ctg Leu	gaa Glu	gac Asp 160	ggt Gly	gtg Val	aac Asn	tat Tyr	534
gca Ala 165	aca Thr	ggt Gly	aac Asn	ctt Leu	cct Pro 170	ggt Gly	tgc Cys	tct Ser	ttc Phe	tct Ser 175	atc Ile	ttc Phe	ctt Leu	ctg Leu	gcc Ala 180	582
ctg Leu	ctc Leu	tct Ser	tgc Cys	ctg Leu 185	act Thr	gtg Val	ccc Pro	gct Ala	tca Ser 190	gcc Ala	tac Tyr	caa Gln	gtg Val	cgc Arg 195	Asn	630
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Tyr Leu Ser Thr Lys Asp Gln Tyr Pro Tyr Leu Lys Ser Val Cys Glu
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Met Xaa Glu Asn Gly Val Lys Thr Ile Thr Ser Val Ala Met Thr Ser
                       55
Ala Leu Pro Ile Ile Gln Lys Leu Glu Pro Gln Ile Ala Val Ala Asp
                                      75
                   70
Thr Tyr Ala Cys Lys Gly Leu Asp Arg Ile Glu Glu Arg Leu Pro Ile
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Leu Asn Gln Pro Ser Thr Gln Ile Val Ala Asn Ala Lys Gly Ala Val
                               105
           100
Thr Gly Ala Lys Asp Ala Val Thr Thr Thr Val Thr Gly Ala Lys Asp
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Ser Val Ala Ser Thr Ile Thr Gly Val Met Asp Lys Thr Lys Gly Ala
                       135
Val Thr Gly Ser Val Glu Lys Thr Lys Ser Val Val Ser Gly Ser Ile
                                      155
                   150
Asn Thr Val Leu Gly Ser Arg Met Met Gln Leu Val Ser Ser Gly Val
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               165
Glu Asn Ala Leu Thr Lys Ser Glu Leu Leu Val Glu Gln Tyr Leu Pro
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           180
Leu Thr Glu Glu Glu Leu Glu Lys Glu Ala Lys Lys Val Glu Gly Phe
                           200
Asp Leu Val Gln Lys Pro Ser Tyr Tyr Val Arg Leu Gly Ser Leu Ser
                        215
Thr Lys Leu His Ser Arg Ala Tyr Gln Gln Ala Leu Ser Arg Val Lys
                                       235
                   230
Glu Ala Lys Gln Lys Ser Gln Gln Thr Ile Ser Gln Leu His Ser Thr
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                245
Val His Leu Ile Glu Phe Ala Arg Lys Asn Val Tyr Ser Ala Asn Gln
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            260
Lys Ile Gln Asp Ala Gln Asp Lys Leu Tyr Leu Ser Trp Val Glu Trp
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Lys Arg Ser Ile Gly Tyr Asp Asp Thr Asp Glu Ser His Cys Ala Glu
                                          300
                       295
His Ile Glu Ser Arg Thr Leu Ala Ile Ala Arg Asn Leu Thr Gln Gln
                   310
                                       315
 Leu Gln Thr Thr Cys His Thr Leu Leu Ser Asn Ile Gln Gly Val Pro
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                325
 Gln Asn Ile Gln Asp Gln Ala Lys His Met Gly Val Met Ala Gly Asp
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Ile Tyr Ser Val Phe Arg Asn Ala Ala Ser Phe Lys Glu Val Ser Asp
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Ser Leu Leu Thr Ser Ser Lys Gly Gln Leu Gln Lys Met Lys Glu Ser
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Leu Asp Asp Val Met Asp Tyr Leu Val Asn Asn Thr Pro Leu Asn Trp
                                        395
                    390
Leu Val Gly Pro Phe Tyr Pro Gln Leu Thr Glu Ser Gln Asn Ala Gln
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Asp Val Lys Phe Pro Gly Gly Lys Lys Lys Lys Lys Lys Ala
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